E –LEARNING WITH RESPECT TO INDIAIN EDUCATIONAL ENVIRONMENT

Dr. Vivek Chaplot

Head Dept. of Computer Sc. & App., Bhupal Nobles' University, Udaipur.

ABSTRACT

Effectiveness of e-Learning has heavily increased within the last some years. The development of e-learning products and e-learning opportunities is one of the most promising areas of education and training. This paper answers the following research questions, Effective of E-Learning, How to measure e-Learning effectiveness. What can be done to make E-Learning effective. In E-Learning there are very high possibilities of research and very high economic interest. The concept of E-learning is very General Purpose i.e. it is applicable to all sorts of Education. It can be considered as the technological enhanced learning mechanism through Internet. Now it includes electronic media like Internet, Intranets, and satellite broadcast, audio, video, interactive Panels and Compact Disc to make the learning procedure more efficient, flexible and user friendly. Because of the flexible & user friendly nature of E-learning, its demand is increasing day by day. Due to increase demand of E -learning, we have to standardize the whole e-learning system in a proper way so that all the user can use it in uniform manner .There are many standards available which has been accepted by many academic institutions and organizations, but there are some lacking and works are going on to make E-learning more practicable and more simple. This paper analyses the current E-learning techniques, the importance of education system and recent market of e-learning procedure.

KEYWORDS: E –Learning ,Students ,Effective, tools, Educational ,Information Technology.

Introduction

Now we are living in world of Internet and globalized era, where the world is globally connected. The E learning concept has connected the whole world and has removed various difficulties of age, place, & time. The new advances in technological concepts have changed the whole education system. With the growth of Internet, the field of education has used web as a communication channel for connecting distant learners with their Educational resources. It is a platform which provides flexible learning using latest tools of Information Technology & various application software's , and provides a platform where teachers & learners can interact . E-learning provides the right information at right time and at right place, so students & learners are very highly motivated to use this system. E –learning has greatly helped in personalized self-learning. E- Learning has greatly improved quality of learning. It is real time learning. Access to education & training is highly improved. E- Learning has made education Cost Effective.

In E – Learning Learners are able to access the right sort of training at the right time with the right people. Learners have access to the same materials. Learners benefit from learning when required.

Findings

I have considered Indian rural & urban schools & higher education in this study. In my paper I have used following categories of students & learners. (i) Rural students (ii) Urban students (iii) Students doing correspondence course (iv) On Campus Students. Qualitative & Quantitative data was collected from learners & students to get information about their E-learning experience. By using above data a survey was conducted on all above categories & it was found that highest benefit was for On Campus students.

Rural Students were not benefited very much because of lack of Information technology infrastructure but now due to availability of smart phones they are also getting benefit of E - Learning. Language problem in E - learning material was very high among these students. Students which were relatively good at English were able to understand the E-Content easily in comparison to those students which were not good at English.

Urban students were moderately benefited due to availability of Information technology infrastructure but they also needed some assistance in understanding the E- Content. Language problem in E - learning material was moderately high among these students. The E-Content so developed are mostly general purpose so most of the students demanded for specific E- Contents to make students interested in the content.

Students doing correspondence course were also benefited at a very good scale because of predefined syllabus so the E –Content was very favorable to them but they also faced the problem of language & lack of interaction with the faculties to get some of their problem being solved.

On Campus Students got highest benefit because of good information technology infrastructure & predefined syllabus & interaction facility available with the faculties. For On Campus student's E-learning material was highly customized based on their requirement. Many of E –learning material contains quiz facility so for on campus students it creates competition among students ,which has made E-learning very popular.

RECOMENDATION

Before developing E- Content we should identify the needs.

We should be very realistic with available resources.

We have to clearly identify various goals.

We should incorporate some unique & novel information in E-Content.
In this we have to plan what kind of learning experience we want to achieve.
In this new environment teachers are not necessary more experienced than their students .This is a challenge for planning of learning process.

We should have good quality of hardware & software for learning environment.
E-Content should be periodically updated so that latest information can be made available .

We should consider Learner's prospect and interest. This can be done by recording the browsing history of students at their learn time.

We have to design the learning methodology according to learner's interests and preferences.

Semantic web technology can provide flexible and personalized access to the learning materials.

Semantic web can be used as a very suitable platform for implementing an E-learning system, because it provides all means for E-learning development. Regional languages can also be used in development of E-Content development.

CONCLUSION

In total we can say that E-Learning with other options is absolute necessity for education & corporate training. E-learning is a growing field in the educational and training market and E-learning standard is a new emerging area, there are many challenges in implementation of E-learning . The security of services, the encryption of messages and the common taxonomies to describe services and service access points in e-learning systems environments are all in need of consideration.

REFERENCES

1. S. Codone, "An E-learning Primer". Pensacola, Florida, 2001.

2. "The E-learning e-revolution in colleges and universities". A PanCanadian Challenge, 2001.

3. A.E. Blackhurst, and D.L. Edyburn, "A brief history of Special Education Technology" Knowledge by Design Inc., 2000.

4. "E-learning quality: Aspects and criteria for evaluation of e-learning in higher education", Report 2008:11R, Swedish National Agency for Higher Education, 2008.

5.   S. Adkins, "The US Market for Self-paced eLearning Products and Services: 2010-2015 Forecast and Analysis" Ambient Insight, LLC, January 2011

6.   I. E. Allen, J. Seaman, "Online Nation: Five Years of Growth in Online Learning". Needham, MA: Sloan Consortium, 2007.

7.   C. Ardil, "E-learning Collaborative Circles" , International Journal of Humanities and social Services, Vol. 1, No. 4, 2007.

8.   ASTD State of the Industry Report. Retrieved December 1, 2010

9.   R. M. Bernard, P. C. Abrami, Y. Lou, and E. Borokhovski, "A methodological morass? How we can improve quantitative research in distance education", Distance Education, 25(2), 175-198, 2004.

10.   C. Blezu, and E. M. Popa, "E-Learning and its Prospects in Education" 12th WSEAS International Conference on COMPUTERS, Heraklion, Greece, July 23-25, 2008.